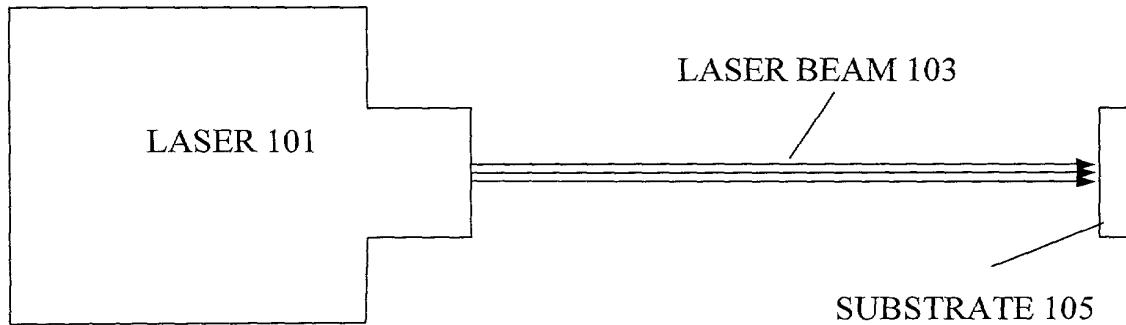


**Title:** ION EXCHANGE SYSTEM STRUCTURE WITH A MICROTEXTURED SURFACE, METHOD OF MANUFACTURE, AND METHOD OF USE THEREOF

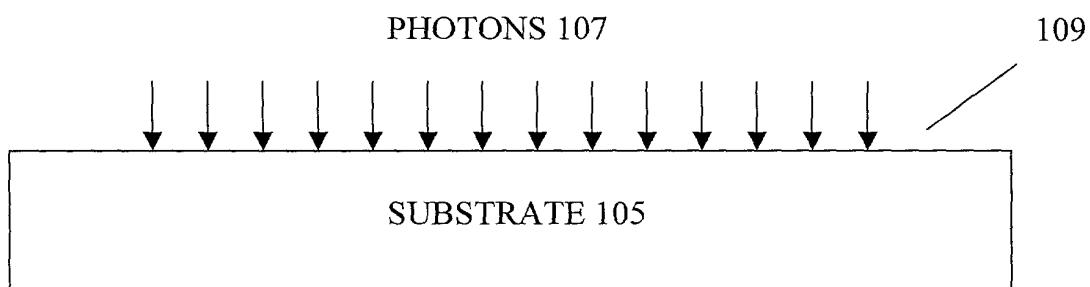
**Inventor(s):** Laurie S. MITTELSTADT, et al.

**Contact Name:** Susan E. Heminger (650) 236-2738

**Attorney Docket No.:** 10015155-1



**FIG. 1A**



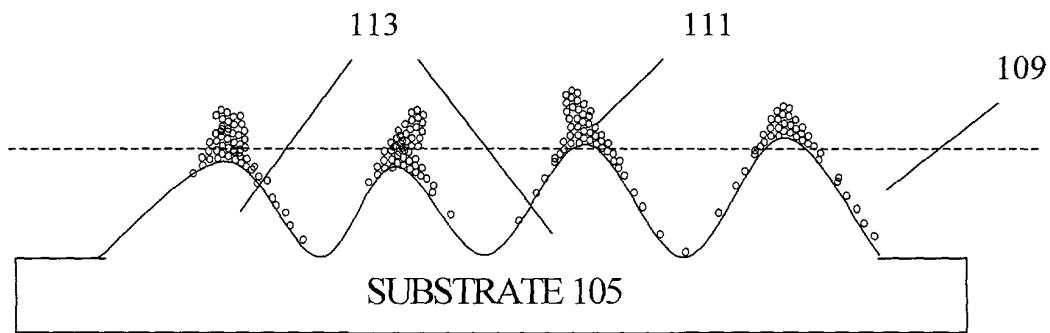
**FIG. 1B**

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**Inventor(s):** Laurie S. MITTELSTADT, et al.

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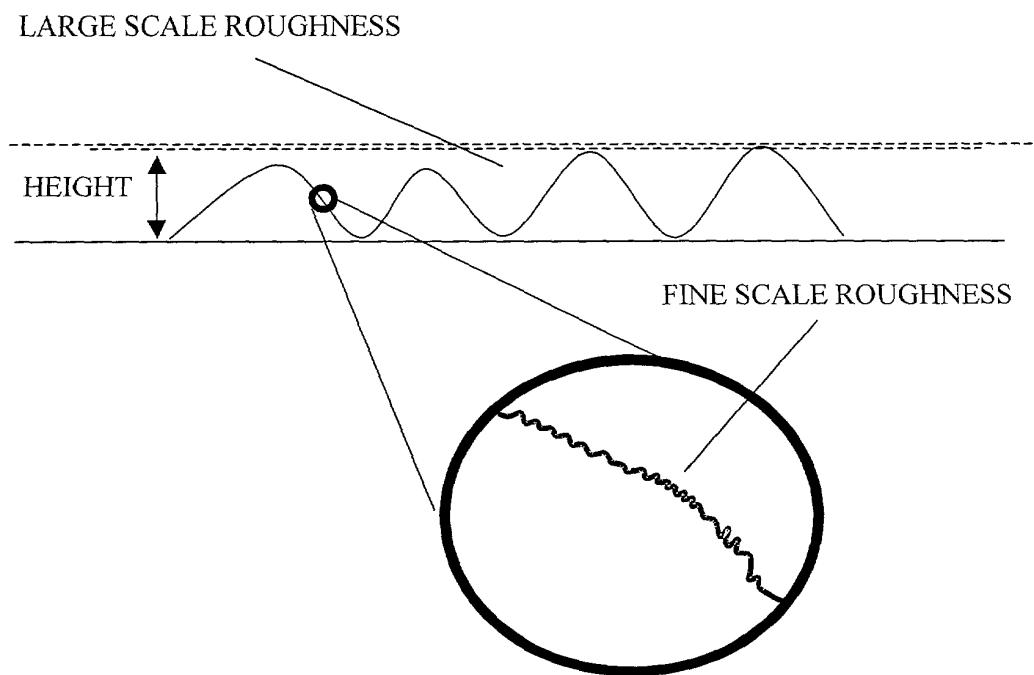
**FIG. 1C**

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**Inventor(s):** Laurie S. MITTELSTADT, et al.

**Contact Name:** Susan E. Heminger (650) 236-2738

**Attorney Docket No.:** 10015155-1



**FIG. 2**

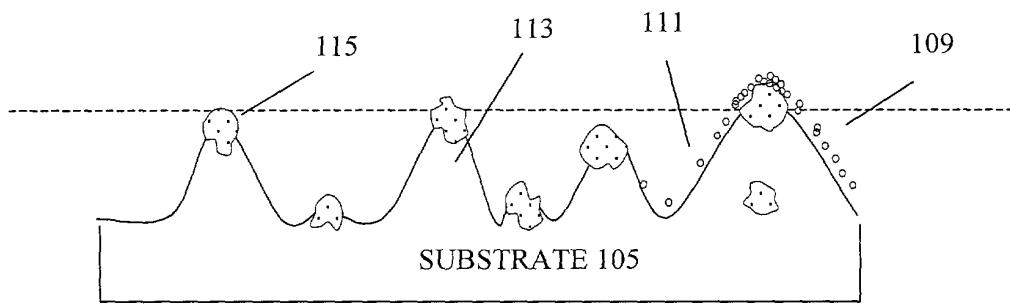
**Title:** ION EXCHANGE SYSTEM STRUCTURE WITH A MICROTEXTURED SURFACE, METHOD OF MANUFACTURE, AND METHOD OF USE THEREOF

**Inventor(s):** Laurie S. MITTELSTADT, et al.

**Contact Name:** Susan E. Heminger (650) 236-2738

**Attorney Docket No.:** 10015155-1

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**FIG. 3**

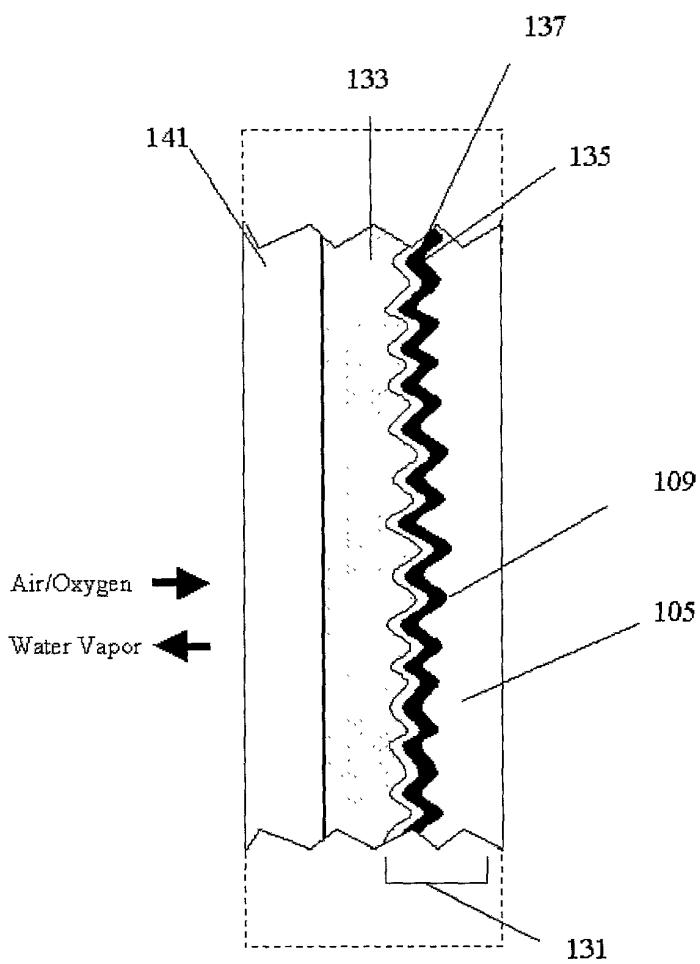
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**Inventor(s):** Laurie S. MITTELSTADT, et al.

**Contact Name:** Susan E. Heminger (650) 236-2738

**Attorney Docket No.:** 10015155-1

200



**FIG. 4**

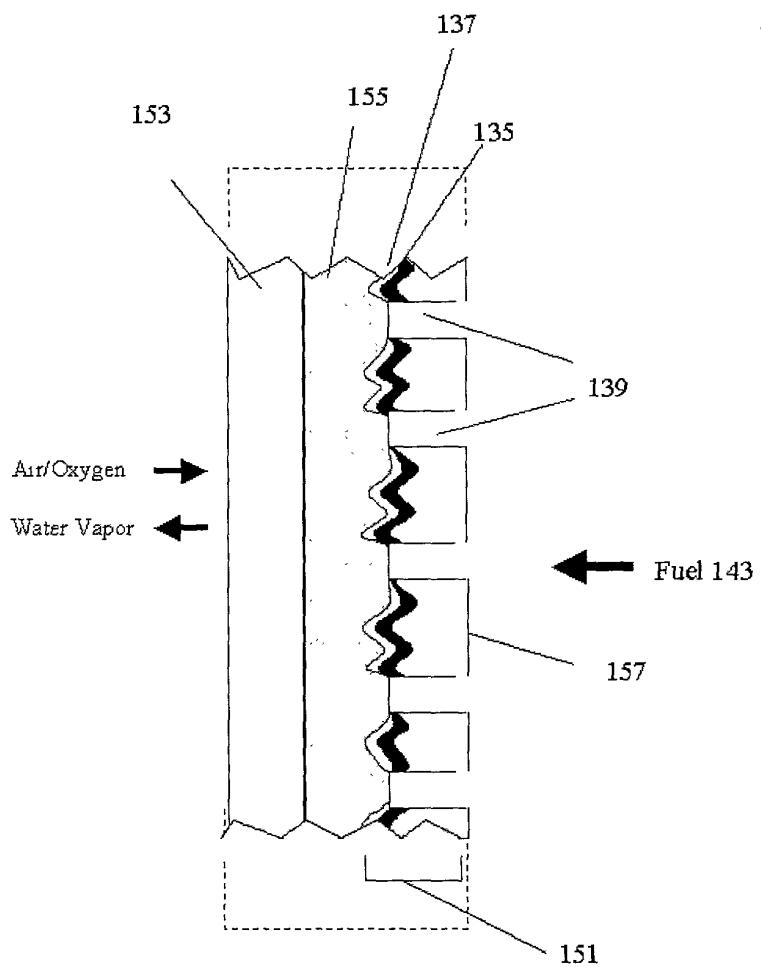
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**Inventor(s):** Laurie S. MITTELSTADT, et al.

**Contact Name:** Susan E. Heminger (650) 236-2738

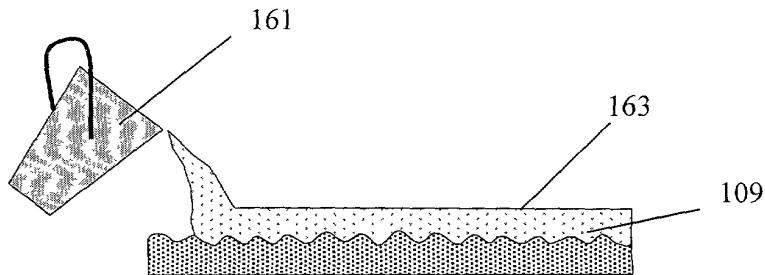
**Attorney Docket No.:** 10015155-1

300

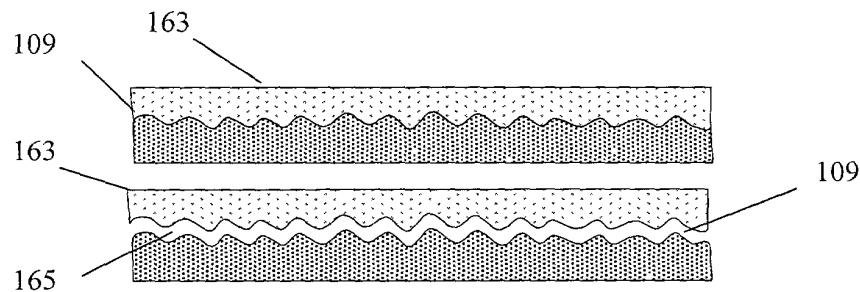


**FIG. 5**

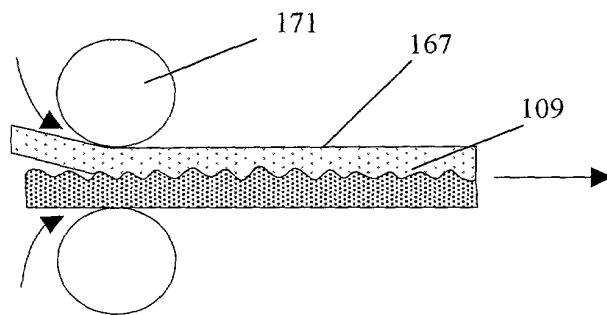
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**Inventor(s):** Laurie S. MITTELSTADT, et al.  
**Contact Name:** Susan E. Heminger (650) 236-2738  
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**FIG. 6A**



**FIG. 6B**



**FIG. 6C**